

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2769	UPSAMPL\$3	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:18
L2	556455	DELAY	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:18
L3	56	L1 NEAR3 L2	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:18
L4	4513643	@AD<"20031124"	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:19
L5	42	L1 NEAR3 L2 AND L4	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:19
L6	1	("5783974").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/23 08:25
L13	1545231	INTERNAL	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:49
L14	123415	MICROPHONE	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:50
L15	413678	CLOCK	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:50
L16	1001765	DIGITAL	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:50
L17	2	L16 L14 AND L13 L15	US-PGPUB; USPAT	ADJ	OFF	2008/04/23 08:50
S1	420	381/111.OCLS.	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 09:56
S2	4512804	@AD<"20031124"	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:02
S3	150430	ADC OR (ANALOG TO DIGITAL CONVERTER) OR "A/D CONVERTER" OR (ANALOG DIGITAL CONVERTER)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:03
S4	123265	MICROPHONE	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:04
S5	180998	TRANSDUCER	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:04
S6	31685	MULTI LEVEL	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:04
S7	18706	MULTI BIT	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:04
S8	63595	QUANTIZ\$5	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:05
S9	38068	SINGLE BIT	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:05
S10	1440071	EXTERNAL	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:05

S11	413285	CLOCK	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:05
S12	5394	SIGMA DELTA	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:06
S13	2024515	CONVER\$4	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:06
S14	82876	MONOLITHIC	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:07
S16	718246	AMPLIF\$8	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:08
S17	4799	PREAMP\$5	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:08
S18	1183	INTEGER RATIO	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:09
S19	2767	UPSAMPL\$3	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:09
S20	5304	QUANTIZ\$5 LEVEL\$1	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:09
S21	1000719	DIGITAL	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:10
S22	233	S21 S4	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:10
S23	135	S21 S4 AND S2	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:10
S24	6712	TWO\$2 COMPLEMENT	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:28
S25	229909	SYMBOL	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:28
S26	286	ONE SIGNS	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:28
S27	455565	DISCRETE	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:29
S28	2	(S3 AND S6 AND S7).AB. AND (S13 NEAR4 S9)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:31
S29	9	(S3 AND (S6 OR S7)).AB. AND (S13 NEAR4 S9)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 10:32
S30	0	(S3 NEAR3 S6).AB. AND S7	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:19
S31	13	(S3 NEAR3 S6) AND S7	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:20
S32	1	("5886656").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/17 13:28
S33	8889	OVERSAMPL\$3	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:39
S34	2	S4.AB. AND S7 AND S12	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:39
S35	2261866	LEVEL	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:49
S36	0	S3 AND (S6 OR S7) AND S12 AND (S8 NEAR\$3 S35) AND S24	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:50

S37	0	S3 AND (S6 OR S7) AND S12 AND (S8 NEAR\$5 S35)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:51
S38	0	S3 AND (S6 OR S7) AND (S8 NEAR\$5 S35)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:52
S39	0	(S6 OR S7) AND (S8 NEAR\$5 S35)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:54
S40	48603	(S6 OR S7)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:55
S41	134	S6 S8	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:55
S42	36	S41 AND S12	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 13:56
S43	445	S3 AND S7 AND S9 AND S12	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 14:03
S44	337	S3 AND S7 AND S9 AND S12 AND S33	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 14:03
S45	66	S3 AND S7 AND S9 AND S12 AND S33 AND S6	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 14:03
S46	23	S3 AND S7 AND S12 AND S33 AND S6 AND (S9 NEAR3 S13)	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 14:05
S47	1	("20070127761").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/17 14:59
S49	1	("6326912").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/17 15:36
S50	1	("5769848").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/17 15:40
S51	11	S21 S4 AND S9	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 15:51
S52	13	S21 S4 AND S7	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 15:56
S53	1	"6271782".PN.	USPAT; USOCR	ADJ	OFF	2008/04/17 16:33
S54	1	"6326912".UREF. AND S7 AND S9	US-PGPUB; USPAT	ADJ	OFF	2008/04/17 16:43
S55	4212	DELTA SIGMA	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:33
S56	123265	MICROPHONE	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:33
S57	75	S56 SAME S55	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:33
S58	4512804	@AD< "20031124"	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:34
S59	44	S56 SAME S55 AND S58	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:34
S60	18706	MULTI BIT	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:47
S61	5	S56 SAME S55 AND S58 AND S60	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:47
S62	0	("L1SAMEL6S8ANDL4").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 09:54

S63	63595	QUANTIZ\$5	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:55
S64	41	(S55 SAME (S60 S63)) AND S58	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:55
S65	1	(S55 SAME (S60 S63)) AND S58 AND S56	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:55
S66	41	(S55 SAME (S60 S63)) AND S58	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:57
S67	38068	SINGLE BIT	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:59
S68	2024515	CONVER\$4	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:59
S69	23	(S55 SAME (S60 S63)) AND S58 AND (S68 SAME S67)	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 09:59
S70	1862288	OUTPUT	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 10:02
S71	1	(S55 SAME (S60 S63)) AND S58 AND (S67 S70)	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 10:02
S72	1	("6587060").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/21 10:05
S73	6712	TWO\$2 COMPLEMENT	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 10:40
S74	0	S55 AND S60 S63 AND S68 S67 AND S73	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 10:40
S75	9	S55 AND S60 S63 AND S73	US-PGPUB; USPAT	ADJ	OFF	2008/04/21 10:40
S76	1	("20040156520").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 08:57
S77	356700	INTEGER	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 09:36
S78	2769	UPSAMPL\$3	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 09:37
S79	1509727	RATIO	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 09:37
S81	556455	DELAY	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 09:37
S82	2	S77 S79 S78	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 09:38
S83	1	("6208671").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 10:09
S84	69	S78 NEAR4 S81	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 10:24
S85	4513643	@AD< "20031124"	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 10:24
S86	53	S78 NEAR4 S81 AND S85	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 10:24
S87	150570	ADC OR (ANALOG TO DIGI TAL CONVERTER) OR "A/D CONVERTER" OR (ANALOG DIGI TAL CONVERTER)	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 10:24

S88	32	S78 NEAR4 S81 AND S85 AND S87	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 10:24
S89	7	(DIGITAL MICROPHONE).TI.	EPO	ADJ	OFF	2008/04/22 10:29
S90	1	("6028946").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 11:24
S91	0	("2003/0235315").URPN.	USPAT	ADJ	OFF	2008/04/22 11:32
S92	98	((("4843391") or ("4588986") or ("5786782") or ("6249237") or ("4804931") or ("5574453") or ("5714956") or ("5777913") or ("5982816") or ("6061385") or ("6061385") or ("4255618") or ("4794474") or ("5313412") or ("5483577") or ("5490235") or ("5745409") or ("5801980") or ("5815425") or ("5907501") or ("5963106") or ("6041080") or ("6091350") or ("6215429") or ("4389892") or ("4524425") or ("4555596") or ("5245632") or ("5777568") or ("5969654") or ("6185526") or ("6198940") or ("6215429") or ("4287591") or ("4370523") or ("4574163") or ("4774704") or ("4823380") or ("4903304") or ("5289529") or ("5359576") or ("5495498") or ("5532556") or ("5566135") or ("5577044") or ("5629976") or ("5689534") or ("5696875") or ("5710772") or ("5839099") or ("5864811") or ("5900906") or ("5960366") or ("6058165") or ("6078972") or ("6125189") or ("6256395") or ("6285769") or ("6323795") or ("6327563") or ("6339647") or ("6539096") or ("6546245") or ("6667706") or ("6714796") or ("6765995") or ("6782367") or ("6898426") or ("6975258") or ("7003126") or ("7035395") or ("7262992") or ("7279964") or ("7295141") or ("20010044712") or ("20020137506") or ("20030058149") or ("20030091207") or ("20030123480") or ("20030235315") or ("20040178938") or ("20040228499") or ("20050024134") or ("20070098119") or ("20070127761") or ("5600709") or ("5768126") or ("6007228") or ("6147979") or ("4359607") or	US-PGPUB; USPAT	OR	OFF	2008/04/22 13:31

		("4385542") or ("4518827") or ("4947432") or ("5014315") or ("5263079") or ("5287352") or ("5287399") or ("5297231") or ("5308916") or ("5323275") or ("").PN.				
S93	13854	EXTERNAL CLOCK	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 13:38
S94	123415	MICROPHONE	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 13:38
S95	1001765	DIGITAL	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 13:38
S96	3	S95 S94 AND S93	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 13:38
S97	1	("6853733").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 16:07
S98	413678	CLOCK	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:20
S99	1084669	VOLTAGE	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:21
S100	1927020	POWER	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:21
S101	323	S87.AB. AND S98 NEAR3 S99	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:21
S102	178	S87.AB. AND S98 NEAR2 S99	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:21
S103	134	S102 AND S85	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:21
S104	4	S103 AND S94	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:22
S105	1	("6785394").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 16:36
S106	0	("EP1565034").PN.	EPO	OR	OFF	2008/04/22 16:39
S107	1	("1565034").PN.	EPO	OR	OFF	2008/04/22 16:39
S108	15	S94.AB. AND S93	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 16:43
S109	4147	S98 NEAR S100	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 17:22
S110	1965	S98 S100	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 17:22
S111	1	("6407691").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 17:25
S112	1	"6169801".PN.	USPAT; USOCR	ADJ	OFF	2008/04/22 17:25
S113	1	"4380757".PN.	USPAT; USOCR	ADJ	OFF	2008/04/22 17:25
S114	1	("7050478").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 17:36

S115	484	S93 AND S94	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 17:57
S116	2	S93 NEAR2 S94	US-PGPUB; USPAT	ADJ	OFF	2008/04/22 17:58
S117	1	("6958717").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 18:05
S118	1	("6920218").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 18:11
S119	1	("20070127760").PN.	US-PGPUB; USPAT	OR	OFF	2008/04/22 19:34

4/23/2008 9:17:47 AM

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